Staticpulse

Conductive and Static-Dissipative tile

Total thickness
3.0/2.0mm

Size
600×600/610×610mm

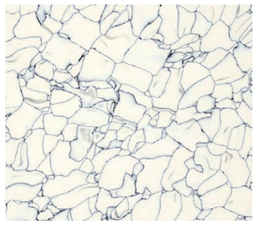
Packing
15/10pcs

Colors
10 C

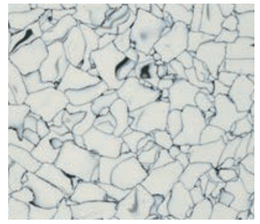
**C:Conductive/SD:Static Dissipative*

C/SD 6092, C/SD 6082

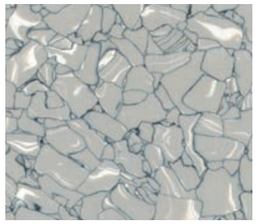
C/SD 6001



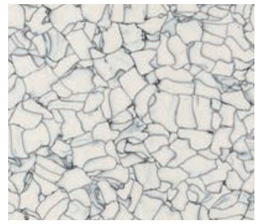
C/SD 6101



C/SD 6111

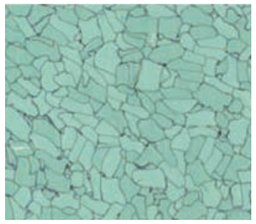


C/SD 6005



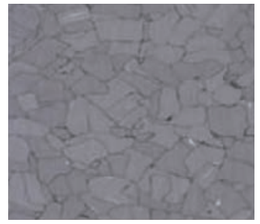
C/SD 601

C/SD 6072

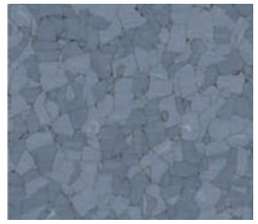


C/SD 6082

C/SD 6200



C/SD 6062



C/SD 6092

C/SD 6001

Color of the above product can be different from actual product color.

Staticpulse *(Conductive Tile)*

Staticpulse is a pressed floor covering tile with high performance electrostatic conductive and static dissipative properties.

Basic Construction

Static Pulse is the ultimate solution for technological environments where electrostatic property Is very critical factor.

Features

CLEAN ROOMS

Staticpulse meets requirements in clean rooms as strict as class 10 based on its high-tech know-how by over 700 research and manufacturing staffs. It has no free carbon to contaminate the clean room, and low outgassing emission and is independent of room temperature and humidity. It is highly suitable for special clean room maintenance techniques, Semiconductor, Microelectronics, Optics, Aerospace, Pharmaceutics, Biotechnology, etc.

ACCESS FLOORING

Staticpulse is suitable for use on access flooring. It can easily be perforated without risk of rough edges or the tile cracking or breaking. Major manufacturers of raised or access flooring are experienced in the use of Staticpulse.

HEALTH CARE

Staticpulse removes static to prevent data errors that may occur with hightech visual medical equipment such as CT SCAN, MRI, and other sensitive equipment by static discharge.

ELECTRONICS MANUFACTURING ASSEMBLY, TEST AREAS

Staticpulse is a permanently installed material that helps protect sensitive electronic devices, assemblies, and products from personnel-generated electrostatic discharge.

COMPUTER AND ELECTRONIC EQUIPMENT AND TELECOMMUNICATIONS ENVIRONMENTS

Staticpulse controls static discharges into computer terminals or other sensitive electronic equipment, thus preventing damage to internal circuitry, incorrect entries or retrieval, loss of computer memory or other malfunction. It protects large data processing facilities, computerized typesetting and drafting equipment, process control equipment, communications installations, and other static sensitive equipment and instruments.

Technical Data

ITEM	Standard test Method	Specification	Conductive Tile	Static Dissipative Tile
Electrical / Electrostatic Properties				
Electrical Resistance	ASTM F 150, ESD S 7-1	Conductive:2.5×10^{4}1.0×10^{6} Ω Static Dissipative: 1.0×10^{6}~1.0×10^{9} Ω	2.5×10^{4} ~ 1.0×10^{6} Ω	1.0×10^{6} ~ 1.0×10^{9} Ω
Static Generation	AATCC-134		0.1kV	0.2kV
Static Decay Time	Federal Test Method 101B Method 4046	< 0.5 sec	0.01 sec	0.01 sec
Other Properties				
Classification	ISO 10874		Class 34 / 43	
Composition of Material	ASTM F 1700, Certificate of Compliance		Homogeneous	
Thickness	ASTM F 386, EN 428	as specified ± 0.13mm	Meet Standard	
Nominal Sizes	ASTM F 2055, EN 427	<± 0.4 mm/305 mm	Meet Standard	
Squareness	ASTM F 2055	maximum 0.25 mm	Meet Standard	
Residual Indentation	ASTM F 1914, EN 433	Average Less than 8%, max single reading 10%	< 8 %	
Flexibility	ASTM F 137, ISO 24344	25.4mm mandrel, no crack or break	25.4mm mandrel, no crack or break	
Dimensional Stability	ASTM F 2199, EN 434	< 0.51 mm/305 mm	Meet Standard	
Resistance to Chemicals	ASTM F 925	No more than a slight change in surface dulling, surface attack or staining	No more than a slight change in surface dulling, surface attack or staining	
Reaction to Fire	EN13501-1		Bfl-s1	
Static Electrical Propensity	EN 1815		< 2kV	
Critical Radiant Flux	ASTM E 648, NFPA 253		Class 1(> 0.45 W/cm2)	
Smoke Density	ASTM E 662	< 450	< 450	
Resistance to Heat	ASTM F 1514	ΔE < 8 ave, max	Meet Standard	
Resistnace to Light	ASTM F 1515	ΔE < 8 ave, max	Meet Standard	
Color Fastness	EN ISO 105 B02	6 minimum	At least 6	
Thermal Conductivity	DIN 52612, ISO 12677		0.309 W/(m.k)	
Slip Resistance	DIN 51130		R9	
Wear Resistance	EN 660-2		Group M	
Castor Chair Test	ISO 4918		No Change	
Fulfils product requirements	EN 649		Yes	
Underwriters Laboratories	UL 779		Meet UL Standard	
Warranty				
Free from defects in Workmanship and materials*			Five years	
Conductivity*			Lifetime	

* The above technical data is subject to modification for the benefit of further improvements.
* LG Hausys EDS Control Tile is executive warranty is valid only when tile is installed with LG Hausys ESD Control Tile adhesive.